



Express Mail No. EQ147682171US

PATENT
cirtes2.d16

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : Confirmation No. 2145
Claude BARLIER : Group Art Unit 1733
Application No. 10/826,536 : Examiner: Jeff H. Aftergut
Filed: April 16, 2004 : (571) 272-1212
For a Patent for a :
METHOD FOR MAKING :
MECHANICAL PARTS BY :
DECOMPOSITION INTO LAYERS : January 9, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is being filed to advise the U.S. Patent Office of information which may be considered "material to patentability" in examining this patent application, in accordance with the provisions of 37 C.F.R. §1.56.

Applicant's Information Disclosure Statement filed July 19, 2004, advises the U.S. Patent Office of a later-filed International Application No. PCT/FR01/01445, which has since been assigned the U.S. Patent Application No. 10/276,217.

A further Office Action has issued for U.S. Patent Application No. 10/276,217, and the following documents are cited in the issued Office Action:

U.S. Patents

6,921,068 (Barlier et al.) - Issued: July 26, 2005
6,745,446 (Barlier) - Issued: June 8, 2004
6,719,554 (Hobson) - Issued: April 13, 2004
6,688,871 (Lee et al.) - Issued: February 10, 2004
6,164,115 (Higuchi et al.) - Issued: December 26, 2000
5,943,240 (Nakamura) - Issued: August 24, 1999
4,250,727 (Baril et al.) - Issued: February 17, 1981
3,369,272 (Martin, Jr. et al.) - Issued: February 20, 1968
2,615,111 (Paquette et al.) - Issued: October 21, 1952

U.S. Patent Application Publications

2004/0217497 (Engwall et al.) - Published: November 4, 2004
2004/0173951 (Hobson) - Published: September 9, 2004
2004/0173930 (Himmer et al.) - Published: September 9, 2004
2003/0122277 (Padovani) - Published: July 3, 2003
2002/0125613 (Cominsky) - Published: September 12, 2002

Foreign Document

FR 2,625,135 (Boishu) - Published: June 30, 1989

A copy of the identified "foreign document" has been enclosed for consideration in this matter, together with an English translation of portions of the document which was supplied by the U.S. Patent Office, providing a concise explanation of the relevance of this non-English language document.

The U.S. Patent Office is further advised of a later filed International Application, No. PCT/FR2003/002224, which has since been assigned the U.S. Patent Application No. 10/530,504. The Search Report issued for International Application No. PCT/FR2003/002224, and a Search Report (No. FA 628195) issued for French Patent Application No. 02/12389, the priority of which was claimed in connection with International Application No. PCT/FR2003/002224, cite the same documents, including:

U.S. Patent

5,812,402 (Makiuchi et al.) - Issued: September 22, 1998

Foreign Documents

EP 0 585 502 (Laboratoire ERIN.MP - Equipes de
Recherche en Interface Numérique Mécanique
et Production) - Published: March 9, 1994

WO 99/00234 (UT Automotive Dearborn Inc.) -
- Published: January 7, 1999

Other Document

T. Himmer, et al., "Lamination of Metal Sheets", Computers in Industry, Elsevier Science Publishers, Amsterdam, Netherlands, Vol. 39, No. 1, Pages 27-33 (June 1999)

French Patent Application No. 02/12389 was published under the No. 2,845,492 on April 9, 2004, and a copy of FR 2,845,492 is enclosed with this Information Disclosure Statement.

The following documents are cited in the specification for U.S. Patent Application No. 10/530,504:

Foreign Documents

FR 2,834,803 (CIRTES SRC; Registration No. 02/00514) -

- Published: July 18, 2003

FR 2,809,040 (CIRTES) - Published: November 23, 2001

FR 2,808,896 (CIRTES) - Published: November 16, 2001

FR 2,789,188 (CIRTES) - Published: August 4, 2000

FR 2,789,187 (CIRTES) - Published: August 4, 2000

WO 02/22341 (Metallamics, Inc.) - Published: March 21, 2002

Other Document

T. Polito, "Comment Optimiser le Moulage des Plastiques" ("How to Optimize the Molding of Plastics"), Emballages Magazine, January-February 2002, Supplement No. 605, pages 56 and 57

To provide a concise explanation of the relevance of the non-English language documents, the specification for U.S. Patent Application No. 10/530,504 indicates that the documents including FR 2,834,803, FR 2,809,040, FR 2,808,896, FR 2,789,188 and FR 2,789,187 disclose improvements to the STRATOCONCEPTION (a registered trademark) process which is disclosed in EP 0 585 502, which is referred to in the specification for the present U.S. Patent Application; that the document WO 02/22341 discloses the use of a tubular insert provided with radially disposed pins to increase heat exchange; and that the cited article discloses a computer analysis of the behavior of a first, prototype mold during cooling to deduce the dimensions and the positions for the pins of a second mold of increased effectiveness for purposes of improving heat exchange.

The U.S. Patent Office is further advised of a later filed International Application, No. PCT/FR2003/000367, which has since been assigned the U.S. Patent Application No. 10/544,823. The Search Report issued for International Application No. PCT/FR2003/000367, and a Search Report (No. FA 617945) issued for French Patent Application No. 02/00514, which was filed on January 16, 2002, and which corresponds to International Application No. PCT/FR2003/000367, cite the same documents, including:

U.S. Patent

5,776,409 (Almquist et al.) - Issued: July 7, 1998

Foreign Documents

EP 0 763 417 (Toyota Jidosha Kabushiki Kaisha) -

- Published: March 19, 1997

EP 0 585 502 (Laboratoire ERIN.MP - Equipes de
Recherche en Interface Numérique Mécanique
et Production) - Published: March 9, 1994

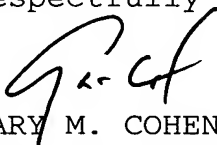
French Patent Application No. 02/00514 was published under the No. 2,834,803 on July 18, 2003, and a copy of FR 2,834,803 is enclosed with this Information Disclosure Statement.

Copies of the above-listed Search Reports are enclosed with this Information Disclosure Statement. Also enclosed with this Information Disclosure Statement are copies of the "foreign documents" and the "other documents" which have previously been identified, for due consideration in this matter. A concise explanation of the relevance of non-English language documents is available with reference to the Search Report which cited the non-English language document. Copies of the listed U.S. patent documents have not been enclosed with this Information Disclosure Statement in view of the waiver of such requirements for patent applications filed after June 30, 2003 (OG Notices; 05 August 2003).

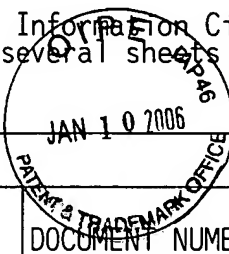
Due consideration of the foregoing documents is respectfully requested under 37 C.F.R. §1.56(a)(2). It is further respectfully requested that the Examiner acknowledge consideration of the above-listed documents by initialing the PTO-1449 forms (2) which are enclosed with this Information Disclosure Statement and which list the foregoing documents, and by providing applicant with initialed copies of the enclosed PTO-1449 forms to confirm consideration of the listed documents.

This Information Disclosure Statement is being submitted under the provisions of 37 C.F.R. §1.97(c) because neither a notice of allowance nor a final rejection has been mailed in connection with this patent application. The fee (\$180.00) required by 37 C.F.R. §1.17(p) is enclosed. Please charge any additional fees, or credit any overpayments, to Deposit Account No. 03-2405. Corresponding action is earnestly solicited.

Respectfully submitted,


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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
CIRTES2.D16APPLICATION NO.
10/826,536List of Information Cited by Applicant
(Use several sheets if necessary)APPLICANT
Claude BARLIERFILING DATE
April 16, 2004GROUP
1733

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT	NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6 9 2 1 0 6 8	07/26/05	Barlier et al.			
	AB	6 7 4 5 4 4 6	06/08/04	Barlier			
	AC	6 7 1 9 5 5 4	04/13/04	Hobson			
	AD	6 6 8 8 8 7 1	02/10/04	Lee et al.			
	AE	6 1 6 4 1 1 5	12/26/00	Higuchi et al.			
	AF	5 9 4 3 2 4 0	08/24/99	Nakamura			
	AG	5 8 1 2 4 0 2	09/22/98	Makiuchi et al.			
	AH	5 7 7 6 4 0 9	07/07/98	Almquist et al.			
	AI	4 2 5 0 7 2 7	02/17/81	Baril et al.			
	AJ	3 3 6 9 2 7 2	02/20/68	Martin, Jr. et al.			
	AK	2 6 1 5 1 1 1	10/21/52	Paquette et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	0 7 6 3 4 1 7	03/19/97	EPO				
	AM	0 5 8 5 5 0 2	03/09/94	EPO				
	AN	2 8 4 5 4 9 2	04/09/04	France				
	AO	2 8 3 4 8 0 3	07/18/03	France				
	AP	2 8 0 9 0 4 0	11/23/01	France				

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	US	2004/0217497 A1 (Engwall et al.) - Published: November 4, 2004
	AS	US	2004/0173951 A1 (Hobson) - Published: September 9, 2004
	AT	US	2004/0173930 A1 (Himmer et al.) - Published: September 9, 2004
	AU	US	2003/0122277 A1 (Padovani) - Published: July 3, 2003
	AV	US	2002/0125613 A1 (Cominsky) - Published: September 12, 2002
	AW		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
CIRTES2.D16APPLICATION NO.
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1733

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BK	2 8 0 8 8 9 6	11/16/01	France			
BL	2 7 8 9 1 8 8	08/04/00	France			
BM	2 7 8 9 1 8 7	08/04/00	France			
BN	2 6 2 5 1 3 5	06/30/89	France			
BO	WO/02 2 2 3 4 1	03/21/02	PCT			
BP	WO/99 0 0 2 3 4	01/07/99	PCT			

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	T. Himmer, et al., "Lamination of Metal Sheets", Computers in Industry, Elsevier Science Publishers, Amsterdam, Netherlands, Vol. 39, No. 1, Pages 27-33 (June 1999)
AS	T. Polito, "Comment Optimiser le Moulage des Plastiques", ("How to Optimize the Molding of Plastics"), Emballages Magazine, January-February 2002, Supplement No. 605, pages 56 and 57
AT	

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DATE CONSIDERED

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